

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"2753934"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/30 15:33
L2	12	"5471833"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/30 15:33
L3	1	("5471833").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 15:34
L4	2	("2995008").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 15:34
S1	1	POURPOINT-T.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/28 16:26
S2	1	2005-260869.NRAN.	DERWENT	NEAR	ON	2007/03/28 16:27
S3	74	(hypergolic WITH fuel)	DERWENT	NEAR	ON	2007/03/28 16:50
S4	2	S3 SAME (test OR analy\$6)	DERWENT	NEAR	ON	2007/03/28 16:50
S5	0	S3 AND "422".CLAS.	DERWENT	NEAR	ON	2007/03/28 16:50
S6	0	S3 AND "435".CLAS.	DERWENT	NEAR	ON	2007/03/28 16:50
S7	0	S3 AND "436".CLAS.	DERWENT	NEAR	ON	2007/03/28 16:50
S8	1	1979-E1219B.NRAN.	DERWENT	NEAR	ON	2007/03/28 18:56
S9	2165	(rocket WITH propellant)	DERWENT	NEAR	ON	2007/03/28 19:02
S10	37	S9 WITH apparatus	DERWENT	NEAR	ON	2007/03/28 19:03
S11	1	1991-156337.NRAN.	DERWENT	NEAR	ON	2007/03/28 19:15
S12	23	Spengler-G.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/28 19:15
S13	1	1974-K4373V.NRAN.	DERWENT	NEAR	ON	2007/03/29 09:54
S14	1	("3844089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 09:54
S15	5	("1100439"   "3577696").PN. OR ("3844089").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 10:21
S16	2165	(rocket WITH propellant)	DERWENT	NEAR	ON	2007/03/29 10:22
S17	2165	(rocket WITH propellant) AND S16	DERWENT	NEAR	ON	2007/03/29 10:22
S18	2165	(rocket WITH propellant) AND S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 10:22

## EAST Search History

S19	0	(ignition WITH delay) AND S16	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 11:01
S20	10873	(ignition WITH delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 10:23
S21	11	S20 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 10:53
S22	8	(simultaneous\$4 WITH gas WITH suppl\$4) SAME (S16 OR S20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 10:56
S23	63	(simultaneous\$4 WITH gas WITH suppl\$4) AND (S16 OR S20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 10:56
S24	1	("2003/0079713").URPN.	USPAT	NEAR	ON	2007/03/29 11:00
S25	826	(ignition WITH delay) AND propellant	US-PGPUB; USPAT; USOCR; FPRS; JPO; DERWENT	NEAR	ON	2007/03/29 11:01
S26	53	(ignition WITH delay) SAME (inert NEAR3 gas)	US-PGPUB; USPAT; USOCR; FPRS; JPO; DERWENT	NEAR	ON	2007/03/29 11:05
S27	89	S25 AND hypergolic	US-PGPUB; USPAT; USOCR; FPRS; JPO; DERWENT	NEAR	ON	2007/03/29 11:05
S28	8	S27 AND atomization	US-PGPUB; USPAT; USOCR; FPRS; JPO; DERWENT	NEAR	ON	2007/03/29 11:05
S29	4	("2874539").URPN.	USPAT	NEAR	ON	2007/03/29 11:10
S30	37	(drop test) SAME hypergolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 11:11
S31	0	("2005/0022911").URPN.	USPAT	NEAR	ON	2007/03/29 11:12
S32	0	("2753683").URPN.	USPAT	NEAR	ON	2007/03/29 11:22

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S33	0	("2753683").URPN.	USPAT	NEAR	ON	2007/03/29 11:26
S34	2	("2753683").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 11:26
S35	0	("2753683").URPN.	USPAT	NEAR	ON	2007/03/29 11:26
S36	0	("2753683").URPN.	USPAT	NEAR	ON	2007/03/29 11:27
S37	1	"2753683"	USPAT	NEAR	ON	2007/03/29 11:27
S38	8	"2753683"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 11:27
S39	0	("2778188").URPN.	USPAT	NEAR	ON	2007/03/29 11:29
S40	1	"2778188"	USPAT	NEAR	ON	2007/03/29 11:29
S41	293	imping\$ NEAR3 (jet OR spray) NEAR2 (device OR apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/29 11:40
S42	1	S41 AND S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/29 11:40
S43	1	S41 AND hypergolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/29 11:40
S44	36	imping\$ WITH (jet OR spray) AND hypergolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/03/29 11:41
S45	25	("3136119"   "3302403"   "3354647"   "3423943"   "3782112"   "4038321"   "4176637"   "4723736"   "4771601"   "4880185").PN. OR ("5582001").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 12:58
S46	31	("2505798"   "2701441"   "2898735"   "3213804"   "3283508"   "3302406"   "3350886"   "3367271"   "3400536"   "3945203"   "4880185"   "5205722"   "5471833"   "5582001"   "5839463"   "5961074"   "6213348"   "6314978"   "6325159"   "6499288"   "6505691"   "6751945").PN. OR ("7082750").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 12:23
S47	342	measur\$4 WITH ignition WITH delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 15:39

## EAST Search History

S48	19	S47 AND hypergolic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 13:00
S49	0	("2753934").URPN.	USPAT	NEAR	ON	2007/03/29 13:04
S50	0	("3066478").URPN.	USPAT	NEAR	ON	2007/03/29 13:07
S51	0	("3173251").URPN.	USPAT	NEAR	ON	2007/03/29 13:43
S52	11	"3173251"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 13:43
S53	0	("3173251").URPN.	USPAT	NEAR	ON	2007/03/29 13:43
S54	0	("3258912").URPN.	USPAT	NEAR	ON	2007/03/29 13:44
S55	2	("3283508").URPN.	USPAT	NEAR	ON	2007/03/29 13:50
S56	0	("2778188").URPN.	USPAT	NEAR	ON	2007/03/29 14:17
S57	0	("2778189").URPN.	USPAT	NEAR	ON	2007/03/29 14:17
S58	0	("2896404").URPN.	USPAT	NEAR	ON	2007/03/29 14:19
S59	13	("20030015268"   "3933543"   "3970588"   "4062708"   "4316359"   "4324819"   "4348303"   "4620415"   "5152136"   "5485722"   "5621156"   "5747665"   "6013143").PN. OR ("6949152").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 14:21
S60	191	60/211.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/29 15:02
S61	3	("2573471").URPN.	USPAT	NEAR	ON	2007/03/29 15:03
S62	1	("3029598").URPN.	USPAT	NEAR	ON	2007/03/29 15:07
S63	3	("3272770").URPN.	USPAT	NEAR	ON	2007/03/29 15:15
S64	52	measur\$4 WITH ignition WITH lag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 15:40
S65	43	S64 NOT S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/03/29 15:40

## EAST Search History

S66	91	("20010015063"   "20030046923"   "20040148923"   "20040177603"   "2523656"   "3048966"   "3085393"   "3137130"   "3178884"   "3266241"   "3272770"   "3334490"   "3350886"   "3446924"   "3490238"   "3570249"   "3577735"   "3662547"   "3662960"   "3691769"   "3695041"   "3699772"   "3780952"   "3882676"   "3903693"   "3910037"   "3926169"   "3943706"   "4073138"   "4171615"   "4214439"   "4220001"   "4583362"   "4589253"   "4621492"   "4707982"   "4721081"   "4771599"   "4771600"   "4771601"   "4777794"   "4801092"   "4879874"   "4894986"   "4912925"   "4998410"   "5025623"   "5054287"   "5109669"   "5267437"   "5404715"   "5444973"   "5551230"   "5603213"   "5647201"   "5660039"   "5715788"   "5873240"   "5873241"   "5918460"   "5941062"   "5980782"   "6050085"   "6082098"   "6226980"   "6244040"   "6244041"   "6253539"   "6269630"   "6272847"   "6381949"   "6469424"   "6470670"   "6505463"   "6536208"   "6568171"   "6655127"   "6769242").PN. OR ("6918243").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 15:45
S67	5	("3178884").URPN.	USPAT	NEAR	ON	2007/03/29 15:47
S68	4	("3266241").URPN.	USPAT	NEAR	ON	2007/03/29 16:12
S69	1	("4892072").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 16:19
S70	0	"10712534".AN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/29 16:20
S71	0	"0712534".AN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/29 16:20
S72	0	"712534".AN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/29 16:20
S73	4	"712534".Ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/29 16:26
S74	51	(inert NEAR gas) SAME (ignition NEAR2 (delay OR lag))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	NEAR	ON	2007/03/29 16:40
S75	1	("4159870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 16:40
S76	40	("1235673"   "1656372"   "1927036"   "2097585"   "2187886"   "2294163"   "2308861"   "2630973"   "2829492"   "2917067"   "3146947"   "3252324"   "3266236"   "3448922"   "3659783"   "3788069"   "3938741"   "4157270"   "4522219").PN. OR ("4777794").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 16:54
S77	1	("6,272,846").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/29 16:54

## EAST Search History

S78	32	("20020059800"   "2211795"   "2293632"   "2851853"   "3047208"   "3198459"   "3316716"   "3525474"   "3575261"   "3593525"   "3739984"   "3795367"   "3910375"   "4063415"   "4196585"   "4448354"   "4567960"   "4592202"   "4667900"   "4686824"   "5191761"   "5282359"   "5341640"   "6003301"   "6568171").PN. OR ("6983587"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/03/29 17:02
S79	280	(imping\$4 NEAR jet) WITH spray	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:04
S80	1	S79 AND ignition (delay OR lag)	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:04
S81	4489	(imping\$4 NEAR jet)	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:04
S82	12	S81 AND ignition (delay OR lag)	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:06
S83	1325	60/257-258.ccls. OR 60/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:07
S84	1294	S83 NOT S60	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:07
S85	16	S84 AND (inert gas) AND hypergolic	US-PGPUB; USPAT; USOCR; FPRS; EPO	NEAR	ON	2007/03/29 17:08